

DELIVERY SYSTEM FOR SELF EXPANDING STENTS
FOR USE IN BIFURCATED VESSELS

ABSTRACT OF THE INVENTION

- 5 A stent delivery catheter that comprises a central shaft having a distal tip extending therefrom, at least one guide wire, and a retractable sheath. The distal tip includes a proximal ridge which has a diameter larger than the central shaft. The guide wire includes at least one stent disposed about a portion thereof. The at least one guide wire being movable relative to the central shaft. The retractable sheath being disposed
- 10 about the central shaft and the at least one guide wire. The retractable sheath having a distal edge removably engaged to the distal tip. The proximal ridge of the distal tip overlapping the distal edge of the retractable sheath. The retractable sheath being proximally retractable from the distal tip.